

TI-500 Weighing Indicator



Introduction

The TI-500 is an NTEP and Canadian certified digital indicator housed in a durable black ABS enclosure. It is equipped with an easy to read 0.9" LCD display with back light. Capable of powering up to 4-350Ω load cells, this simple device can handle a multitude of functions.

A full duplex RS-232 port can transmit data on demand or continuously to match the input requirements of a wide variety of peripheral devices including printers, remote displays and computers. The setup and calibration parameters are shared with other TI series indicator for consistently easy and trouble free use and maintenance.

Best of all, the TI-500 can be operated on AA Alkaline batteries or re-chargeable batteries. it is a leader in reliable performance and value.

Features

- Divisions: NTEP certified for 5000 divisions
- Display Resolution: up to 50,000 external divisions
- Serial Port: full duplex RS-232C
- Bracket: stainless steel swivel bracket
- Display: Backlit LCD
- Full front panel configuration
- Housing: ABS NEMA 12
- Load cells: drives up to 4 x 350 ohm load cells
- Digital calibration: full front panel calibration
- Power: AC adaptor or alkaline battery
- Battery Life: 40 hours continuous use
- Auto Shut-off: extends battery life
- Certified for use in Canada & USA

Specifications

Load Cell Excitation	+3.3 VDC	Keyboard Functions	Off, Units, Zero, Net/Gross, Tare, On/Print
Load Cell Current	Drives up to four (4) 350 Ω load cells	Serial Port	Full Duplex RS-232C
Analog Signal Input Range	+/- 3.125 mV/V (max.)	Power	5.9 VDC, 600 mA switching wall adaptor
Sensitivity	0.2μV/grad, minimum, 0.4μV/grad, min value recommended for "legal trade"	DC Power Consumption	10 mA + 9 mA/350 Ω load cell
A/D Conversion Rate	10 Hz	Battery	AA alkaline batteries (1.5V) or AA rechargeable batteries (1.2V)
A/D Resolution	Up to 260,000 internal counts at 2 mV/V	Indicator Dimensions	3.2" x 6.8" x 2.3" (81mm x 173mm x 60mm)
Display	0.9" , 6 Digit LCD with LED backlight	NIST Classification	H-44 Class III at 5,000 Divisions, NTEP CC 94-080A3
Display Resolution	Up to 50,000 external grads	Canadian Approval No.	AM-5800C
Annunciators	Tare, Gross, lb, kg, Stable, Net, PCS, Negative, Low battery, Center of Zero	Operating Temperature	-10°C to 40°C (14°F to 104°F)
		Warranty	1 year limited warranty applies

Dimensions

